Nightfall
led emergency egress lighting
Nightfall
led emergency egress lighting
Combining a sleek, architectural, low profile design with high performance makes the Nightfall Series an attractive LED solution for both indoor and outdoor emergency lighting. These fixtures boast an average of 40 to 55 center-to-center spacing, optimizing light output and minimizing the number of fixtures needed for typical applications. As an added benefit, the entire Nightfall Series meets the ARRA requirements and Buy America Recovery Act provisions for Made in America products. As a spec grade offering, the Nightfall series has been designed to truly deliver you more.

Guardian
self-test/self-diagnostics option
The Guardian offers an added safety feature that reports issues or malfunctions and allows service personnel the option to take proper steps to correct any problems. The Guardian monitors the fixture and reports any malfunctions. The AC power, battery supply and charging circuit are all monitored continuously and should a failure be detected, visual status will occur immediately via the multi-colored LEDs.

Pathsafe
security/night lighting option
The Pathsafe option allows the fixture to be used as an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell or other automatic means.
**NF1**
**CYLINDER LED EMERGENCY LIGHTING**

**FEATURES**
- Outstanding 50-55 foot center-to-center spacing
- Architectural, cylinder style design
- Attractive aluminum extrusion design for both cylinder and canopy plate
- Available in a variety of lamping options ranging from 8-15 watts
- Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
- Mounts with standard back plate to wall or ceiling. Optional mounting direct to J-box or pendant mounting
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Optional Guardian self-testing/self-diagnostics (G2) available
- 120/277V dual primary, 60Hz input for standard operation
- Standard finish: White
- Optional damp rating (DR) available

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Mounting</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF1</td>
<td>LB = AC Only</td>
<td>8L = 8 Watts</td>
<td>WH = White</td>
<td>JB = J-Box Mount</td>
<td>G2 = Self Test / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>12L = 12 Watts</td>
<td></td>
<td>WM = Wall Mount</td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td><strong>WB Units</strong></td>
<td></td>
<td></td>
<td></td>
<td>SM = Surface Mount (Top)</td>
<td>DR = Damp Rated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td>P6 = 6&quot; Pendant Mounting Assembly</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15L = 15 Watts</td>
<td></td>
<td>P12 = 12&quot; Pendant Mounting Assembly</td>
<td></td>
</tr>
</tbody>
</table>

Available on WB units only

**Designed to blend with any environment, this Nightfall emergency unit offers exceptional light output to minimize fixtures required in typical applications.**
SPECIFICATIONS

CONSTRUCTION
HOUSING: Rugged, extruded aluminum housing and canopy plate.
LENS: Heat and impact resistant polycarbonate lens resists discoloration.
FINISH: Available in white satin enamel finish.

ILLUMINATION
Units come with a variety of lamp choices: With battery and remote units can be supplied with LEDs offering 10 watts or 15 watts of light output. Less battery units are offered with LEDs in wattages of 8 or 12 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

ELECTRONICS
Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel – if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps to optimize lamp life. A momentary test switch and LED charge indicator are included.

NICKEL METAL HYDRIDE BATTERY (With Battery Units Only)
Exitronix sealed nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. Nickel metal hydride batteries offer several advantages over nickel cadmium; NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium therefore increasing capacity and energy density. NiMH batteries perform optimally in temperatures ranging from 0-40°C. NiMH batteries are more environmentally-friendly than traditional NiCd or lead acid alternatives as they contain no cadmium or lead.

BROWNOUT CIRCUIT
The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

LOW VOLTAGE DISCONNECT
When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS (Option: G2)
The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 90 minute discharge and self-test every 12 months.

PATHSAFE SECURITY/NIGHT LIGHTING (Option: SEC)
The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

DAMP LOCATION RATED (Option: DR)
Damp location rating ensures the fixture is designed to operate safely in outdoor locations that are protected from the direct elements. Damp location rated fixtures may be installed indoors. Products with damp location ratings are not designed to withstand constant or significant moisture or direct contact with water or steam.

CONFORMANCE TO CODES & STANDARDS
The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

WARRANTY
Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

SPACING GUIDELINES

<table>
<thead>
<tr>
<th>LED</th>
<th>Mtg. Ht.</th>
<th>Spacing Path of Egress Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3 Ft.</td>
</tr>
<tr>
<td>10L</td>
<td>9’</td>
<td>50’</td>
</tr>
<tr>
<td>15L</td>
<td>9’</td>
<td>55’</td>
</tr>
</tbody>
</table>

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

DIMENSIONS

- 4-0 / 3 1/2” J-Box
  - Top Surface Mount to 4-0 / 3 1/2” J-Box
- Wall Mount
  - 6’ Dia.
- Standard Top Mount
- Pendant Mount

- 4" Dia.
- 6 1/4”
- 5’
- 8”

EXITRONIX
emergency lighting
This sleek architectural fixture combines a compact design with outstanding performance. At only 5” x 5” in width and height and a 2” profile depth, this unit is the smallest emergency wall pack available. The contoured lens provides an elongated lighting pattern to minimize fixtures required in typical applications.

**NF2 ULTRA MINI LED EMERGENCY LIGHTING UNIT**

**FEATURES**
- Outstanding 40-45 foot center-to-center spacing
- Ultra compact, low-profile, architectural design
- Easy to install, snap together design
- Available in a variety of lamping options ranging from 8-15 watts
- Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
- Impact-resistant, polycarbonate shield offers extreme protection
- External LED status indicator and test button
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Universal deep J-Box mounting system
- Optional Guardian self-testing/self-diagnostics (G2) available
- 120/277V dual primary, 60Hz input for standard operation
- Standard finishes: White
- Optional damp rating (DR) available

**ORDERING INFORMATION**  
**Example:** NF2-WB-15L-WH-G2

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF2</td>
<td>LB = AC Only</td>
<td>LB Units</td>
<td>WH = White</td>
<td>G2 = Self Testing / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>8L = 8 Watts</td>
<td></td>
<td>DR = Damp Rated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12L = 12 Watts</td>
<td></td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td>WB Units</td>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15L = 15 Watts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Available on WB units only*
CONSTRUCTION
HOUSING: Precision, low-profile design with all-aluminum housing.

LENS: Heat and impact resistant polycarbonate lens resists discoloration.

FINISH: Available in white satin enamel finish.

ILLUMINATION
Units come with a variety of lamp choices: With battery and remote units can be supplied with LEDs offering 10 watts or 15 watts of light output. Less battery units are offered with LEDs in wattages of 8 or 12 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

ELECTRONICS
Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel – if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps to optimize lamp life. A momentary test switch and LED charge indicator are included.

NICKEL CADMIUM BATTERY (With Battery Units Only)
Exitronix sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0-40°C. NiCd technology provides long lasting, safe and reliable performance by utilizing the jelly-roll design and allows a Ni-Cd cell to deliver a much higher maximum current than an equivalent size alternative battery. As a relatively larger area of the electrode is in contact with the, the internal resistance for an equivalent sized NiCd cell is lower which increases the maximum current that can be delivered.

BROWNCOUT CIRCUIT
The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

LOW VOLTAGE DISCONNECT
When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS (Option: G2)
The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 12 months.

Note: The Guardian option includes a Nickel Metal Hydride battery (NiMH) standard. Nickel metal hydride batteries offer several advantages over nickel cadmium; NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium therefore increasing capacity and energy density. NiMH batteries perform optimally in temperatures ranging from 0-40°C. NiMH batteries are more environmentally-friendly than traditional NiCd or lead acid alternatives as they contain no cadmium or lead.

PATHSAFE SECURITY/NIGHT LIGHTING (Option: SEC)
The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

DAMP LOCATION RATED (Option: DR)
Damp location rating ensures the fixture is designed to operate safely in outdoor locations that are protected from the direct elements. Damp location rated fixtures may be installed indoors. Products with damp location ratings are not designed to withstand constant or significant moisture or direct contact with water or steam.

INSTALLATION
This Nightfall emergency unit is traditionally wall mounted, and requires the rough in of a standard deep J-box with a 1 ½” extension ring, supplied by others.

CONFORMANCE TO CODES & STANDARDS
The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

WARRANTY
Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

ILLUMINATION

<table>
<thead>
<tr>
<th>LED</th>
<th>Mtg. Ht.</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>10L</td>
<td>8½&quot;</td>
<td>40'</td>
</tr>
<tr>
<td>15L</td>
<td>8½&quot;</td>
<td>45'</td>
</tr>
</tbody>
</table>

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

DIMENSIONS

- Standard Deep J-Box: 4” x 4” x 2 1/8”
- J-Box Supply: 120/277VAC
- Extension Ring: Standard 1 1/2”
- Test Switch & Status Display: 2”

Exitronix emergency lighting

Specifications
Nightfall
led emergency egress lighting

NF3
OUTDOOR COMPACT LED EMERGENCY LIGHTING

FEATURES
• Outstanding 40 foot center-to-center spacing
• Attractive, low-profile, streamlined design
• Easy to install, snap together design
• Available in a variety of lamping options ranging from 8-15 watts
• Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
• Contoured prismatic polycarbonate lens for optimal light output and protection
• Suitable for wet or damp location
• External LED status indicator and test button
• ETL listed 90 minute emergency run time, 24 hour recharge time
• Universal J-Box mounting system
• Optional Guardian self-testing/self-diagnostics (G2) available
• Optional cold weather package (-40°C to 30°C)
• 120/277V dual primary, 60Hz input for standard operation
• Standard finishes: White and bronze

ORDERING INFORMATION  Example: NF3-WB-15L-WH-G2

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF3</td>
<td>LB = AC Only</td>
<td>LB Units</td>
<td>WH = White</td>
<td>G2 = Self Test / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>8L = 8 Watts</td>
<td>BR = Bronze</td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12L = 12 Watts</td>
<td></td>
<td>PC/G2 = Photocontrol / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB Units</td>
<td></td>
<td></td>
<td>CL = Cold Location Package</td>
</tr>
<tr>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td></td>
<td>PM20 = 20” Pole Mounting Assembly</td>
</tr>
<tr>
<td></td>
<td>15L = 15 Watts</td>
<td></td>
<td></td>
<td>PM36 = 36” Pole Mounting Assembly</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PM96 = 96” Pole Mounting Assembly</td>
</tr>
</tbody>
</table>

1 Available on WB units only
2 Required with CL option when operating at -40°C
**SPECIFICATIONS**

**CONSTRUCTION**

**HOUSING:** Precision, low-profile design with die-cast aluminum housing.

**LENS:** Heat and impact resistant polycarbonate lens resists discoloration.

**FINISH:** Available in bronze or white satin enamel finish.

**ILLUMINATION**

Units come with a variety of lamp choices: With battery and remote units can be supplied with LEDs offering 10 watts or 15 watts of light output. Less battery units are offered with LEDs in wattages of 8 or 12 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

**ELECTRONICS**

Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel – if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps to optimize lamp life. A momentary test switch and LED charge indicator are included.

**NICKEL CADMIUM BATTERY** (With Battery Units Only)

Exitronix sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0-40°C. NiCd technology provides long lasting, safe and reliable performance by utilizing the jelly-roll design and allows a Ni–Cd cell to deliver a much higher maximum current than an equivalent size alternative battery. As a relatively larger area of the electrode is in contact with the, the internal resistance for an equivalent sized NiCd cell is lower which increases the maximum current that can be delivered.

**BROWNOUT CIRCUIT**

The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

**LOW VOLTAGE DISCONNECT**

When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

**WET LOCATION RATED**

Wet location rated fixtures can be used in applications where moderate contact with water can be expected. Wet location rated products are designed to be reasonably watertight; they require a seal around the base, canopy, or bracket to protect the electrical service from moisture.

**GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS** (Option: G2)

The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 12 months.

**PATHSAFE SECURITY/NIGHT LIGHTING** (Option: SEC)

The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

**COLD LOCATION PACKAGE** (Option: CL)

This Nightfall emergency fixture with battery has an operating temperature range of -20°C (-4°F) to 40°C (104°F). By adding the Cold Location Package, the overall operating temperature is altered to -40°C (-40°F) to 30°C (86°F). NOTE: Pathsafe SECURITY LIGHTING OPTION (SEC) IS REQUIRED FOR OPERATION AT -40°C.

**INSTALLATION**

This Nightfall emergency unit can be surface mounted utilizing a universal j-box mounting pattern and gasket, or by using the conduit entry point at the top of the fixture.

**CONFORMANCE TO CODES & STANDARDS**

The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

**WARRANTY**

Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

**SPACING GUIDELINES**

<table>
<thead>
<tr>
<th>LED</th>
<th>Mtg. Ht.</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Path of Egress Width</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Ft.</td>
</tr>
<tr>
<td>10L</td>
<td>8 ¼&quot;</td>
<td>40&quot;</td>
</tr>
<tr>
<td>15L*</td>
<td>8 ¼&quot;</td>
<td>40&quot;</td>
</tr>
</tbody>
</table>

* Projection from building: 30 Feet

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

**DIMENSIONS**

- **Conduit Entry:** 2 3/4"
- **Path to Test:** 7 1/2"
- **Universal J-Box Mounting Pattern:** 5 1/2"
This dramatically compact and architecturally pleasing Nightfall Linear Outdoor fixture provides amazing emergency and normal lighting for over-door or other outdoor applications. Manufactured in extruded aluminum, the lamp housing and canopy are available in brushed aluminum or white finishes for universal wall or ceiling installations.

**NF5 OUTDOOR LINEAR LED EMERGENCY LIGHTING**

**FEATURES**
- Illuminates a uniform 12’ x 25’ area providing safe and effective outdoor emergency egress lighting
- Attractive, low-profile, linear design
- Available in lamping options 10 or 20 watts
- Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
- Rugged steel diffuser lens for optimal light output and protection
- Suitable for wet or damp location - IP66 rated
- External LED status indicator and test button
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Universal deep J-Box mounting system
- Optional Guardian self-testing/self-diagnostics (G2) available
- 120/277V dual primary, 60Hz input for standard operation
- Standard finishes: White and brushed aluminum

**ORDERING INFORMATION**  Example: NF5-WB-10L-WH-G2

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF5</td>
<td>LB = AC Only</td>
<td>LB Units</td>
<td>WH = White</td>
<td>G2² = Self Testing / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>10L = 10 Watts</td>
<td>BA = Brushed Aluminum</td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20L¹ = 20 Watts</td>
<td></td>
<td>MTM³ = Mullion Top Mount Canopy</td>
</tr>
<tr>
<td></td>
<td>WB Units</td>
<td></td>
<td></td>
<td>MWM³ = Mullion Wall Mount Canopy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ On 20 watt units, width extends to 21”
² Available on WB units only
³ Mullion mounting includes 2.5” x 5” mounting canopy with remote power supply

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
CONSTRUCTION

HOUSING: Precision, low-profile design with die-cast aluminum housing.

LENS: Heat and impact resistant polycarbonate lens resists discoloration.

FINISH: Available in white enamel or brushed aluminum finish.

ILLUMINATION

With battery and remote units can be supplied with LEDs offering 10 watts of light output. Less battery units are offered with LEDs in wattages of 10 or 20 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

ELECTRONICS

Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel - if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps to optimize lamp life. A momentary test switch and LED charge indicator are included.

NICKEL METAL HYDRIDE BATTERY (With Battery Units Only)

Exitronix sealed nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. Nickel metal hydride batteries offer several advantages over nickel cadmium; NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium therefore increasing capacity and energy density. NiMH batteries perform optimally in temperatures ranging from 0-40°C. NiMH batteries are more environmentally-friendly than traditional NiCd or lead acid alternatives as they contain no cadmium or lead.

BROWNOUT CIRCUIT

The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

LOW VOLTAGE DISCONNECT

When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

IP66 RATED

IP66 rating ensures that the product can be installed in outdoor applications where significant water or dust may come in contact with the fixture. IP66 rated fixtures are designed to perform in hose down applications.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS (Option: G2)

The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit. If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 12 months.

PATHSAFE SECURITY/NIGHT LIGHTING (Option: SEC)

The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

INSTALLATION

For wall or ceiling mount applications, the standard Linear Nightfall emergency unit requires the rough in of a standard deep J-box with a 1 ½" extension ring, supplied by others.

For mullion top or wall mount installations of the Linear Nightfall unit, a remote power supply is included to house the electronic components and power the remotely installed fixture. The mullion-mounted Linear unit should be installed within 100 ft of remote power supply for typical applications.

CONFORMANCE TO CODES & STANDARDS

The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

WARRANTY

Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

SPACING GUIDELINES

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

DIMENSIONS
With spacing up to 55 ft in 9 ft ceilings, this 4" Nightfall recessed downlight is our most efficient recessed emergency fixture for new construction, it blends in perfectly with general lighting without affecting the appearance of ceiling layouts.

**NFDL1**
**RECESSED DOWNLIGHT LED EMERGENCY LIGHTING**

**Features**
- Outstanding 50-55 foot center-to-center spacing
- Compact, flush-mount, 4" recessed down light
- Available in a variety of lamping options ranging from 8-15 watts
- Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Optional Guardian self-testing/self-diagnostics (G2) available
- 120/277V dual primary, 60Hz input for standard operation
- Standard finishes: White
- Optional damp rating (DR) available

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFDL1</td>
<td>LB = AC Only</td>
<td>LB Units</td>
<td>WH = White</td>
<td>G2 = Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>8L = 8 Watts</td>
<td></td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12L = 12 Watts</td>
<td></td>
<td>DR = Damp Rated</td>
</tr>
<tr>
<td>WB Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15L = 15 Watts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Available on WB units only

**ORDERING INFORMATION**  
Example: NFDL1-WB-15L-WH-G2

**SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE**
CONSTRUCTION
HOUSING: 4” trim ring with standard galvanized steel can and back plate.
LENS: Heat and impact resistant polycarbonate lens resists discoloration.
FINISH: Available with white enamel finish.

ILLUMINATION
Units come with a variety of lamp choices: With battery and remote units can be supplied with LEDs offering 10 watts or 15 watts of light output. Less battery units are offered with LEDs in wattages of 8 or 12 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

ELECTRONICS
Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel – if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps optimizing lamp life. A momentary test switch and LED charge indicator are included.

NICKEL CADMIUM BATTERY (With Battery Units Only)
Exitronix sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0-40°C. NiCd technology provides long lasting, safe and reliable performance by utilizing the jelly-roll design and allows a Ni-Cd cell to deliver a much higher maximum current than an equivalent size alternative battery. As a relatively larger area of the electrode is in contact with the, the internal resistance for an equivalent sized NiCd cell is lower which increases the maximum current that can be delivered.

BROWNOUT CIRCUIT
The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

LOW VOLTAGE DISCONNECT
When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS (Option: G2)
The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.
If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.
The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 12 months.

PATHSAFE SECURITY/NIGHT LIGHTING (Option: SEC)
The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

DAMP LOCATION RATED (Option: DR)
Damp location rating ensures the fixture is designed to operate safely in outdoor locations that are protected from the direct elements. Damp location rated fixtures may be installed indoors. Products with damp location ratings are not designed to withstand constant or significant moisture or direct contact with water or steam.

SPECIFICATIONS

INSTALLATION
This Nightfall emergency unit is installed as a recessed housing with trim for new construction applications. This new construction emergency down light unit is supplied with integral bar hangers, standard recessed can, back plate and lensed trim.

CONFORMANCE TO CODES & STANDARDS
The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

WARRANTY
Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

SPACING GUIDELINES

<table>
<thead>
<tr>
<th>LED</th>
<th>Mtg. Ht.</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Path of Egress Width</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Ft.</td>
</tr>
<tr>
<td>10L</td>
<td>9”</td>
<td>50’</td>
</tr>
<tr>
<td>15L*</td>
<td>9”</td>
<td>55’</td>
</tr>
</tbody>
</table>

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

DIMENSIONS

EXITRONIX emergency lighting
With spacing up to 55 ft in 9 ft ceilings, this 4" Nightfall recessed downlight is our most efficient recessed emergency fixture for remodel applications, it blends in perfectly with general lighting without affecting the appearance of ceiling layouts and is ideal for remodel applications.

**NFDL2 Remodel**

**RECESSED DOWNLIGHT LED EMERGENCY LIGHTING**

**FEATURES**

- Outstanding 50-55 foot center-to-center spacing
- Compact, flush-mount, 4” recessed down light trim for remodel housing
- Available in a variety of lamping options ranging from 8-15 watts
- Pathsafe security or night light option (SEC) available offering incredibly low wattage consumption when compared to traditional fluorescent or incandescent systems during night operation
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Optional Guardian self-testing/self-diagnostics (G2) available
- 120/277V dual primary, 60Hz input for standard operation
- Standard finishes: White
- Optional damp rating available

**ORDERING INFORMATION**

Example: NFDL2-WB-15L-WH-DR

<table>
<thead>
<tr>
<th>Series</th>
<th>Power Source</th>
<th>LED Wattage</th>
<th>Finish</th>
<th>Options (Factory Installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFDL2</td>
<td>LB = AC Only</td>
<td>LB Units</td>
<td>WH = White</td>
<td>G2¹ = Self Test / Self Diagnostics</td>
</tr>
<tr>
<td></td>
<td>WB = With Battery</td>
<td>8L = 8 Watts</td>
<td></td>
<td>SEC = Security Lighting / Night Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12L = 12 Watts</td>
<td></td>
<td>DR = Damp Rated</td>
</tr>
<tr>
<td>WB Units</td>
<td></td>
<td>10L = 10 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15L = 15 Watts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ Available on WB units only
CONSTRUCTION
HOUSING: 4" trim ring with standard galvanized steel can and back plate.
LENS: Heat and impact resistant polycarbonate lens resists discoloration.
FINISH: Available with white enamel finish.

ILLUMINATION
Units come with a variety of lamp choices: With battery and remote units can be supplied with LEDs offering 10 watts or 15 watts of light output. Less battery units are offered with LEDs in wattages of 8 or 12 watts. The high-performance LEDs have an expected life of up to 50,000 hours with normal use.

ELECTRONICS
Dual voltage, 120 volt or 277 volt input for standard battery or AC units. Lamps are connected in parallel – if one lamp fails, the balance of the lamps will continue to operate. The power supply delivers a regulated current and voltage to LED lamps to optimize lamp life. A momentary test switch and LED charge indicator are included.

NICKEL METAL HYDRIDE BATTERY (With Battery Units Only)
Exitronix sealed nickel metal hydride batteries are maintenance-free with a life expectancy of 15 years. Nickel metal hydride batteries offer several advantages over nickel cadmium; NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium therefore increasing capacity and energy density. NiMH batteries perform optimally in temperatures ranging from 0-40°C. NiMH batteries are more environmentally-friendly than traditional NiCd or lead acid alternatives as they contain no cadmium or lead.

BROWNOUT CIRCUIT
The brownout circuit monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

LOW VOLTAGE DISCONNECT
When the battery’s terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

GUARDIAN SELF-TESTING/SELF-DIAGNOSTICS (Option: G2)
The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The Guardian also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 12 months.

PATHSAFE SECURITY/NIGHT LIGHTING (Option: SEC)
The Pathsafe option allows the fixture to be used as both an emergency lighting fixture and security/night lighting fixture. Models with battery back-up and the Pathsafe option will operate at 50-70% output when in security lighting mode and when connected to the active building AC supply and wired according to the installation instructions. The security lighting circuit is independent of emergency lighting and may be switched manually by exterior photocell (supplied by others) or other automatic means.

DAMP LOCATION RATED (Option: DR)
Damp location rating ensures the fixture is designed to operate safely in outdoor locations that are protected from the direct elements. Damp location rated fixtures may be installed indoors. Products with damp location ratings are not designed to withstand constant or significant moisture or direct contact with water or steam.

INSTALLATION
This Nightfall emergency unit is installed as a recessed housing with trim for remodel applications. This retrofit emergency down light unit is supplied with standard remodel recessed can and lensed trim.

CONFORMANCE TO CODES & STANDARDS
The Nightfall Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

WARRANTY
Any component that fails due to manufacturer’s defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

SPACING GUIDELINES

<table>
<thead>
<tr>
<th>LED Mtg. Ht.</th>
<th>Spacing Path of Egress Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 Ft.</td>
</tr>
<tr>
<td>10L</td>
<td>9&quot;</td>
</tr>
<tr>
<td>15L*</td>
<td>9&quot;</td>
</tr>
</tbody>
</table>

Spacing guidelines are designed to achieve a 1 foot-candle average and a 0.1 foot-candle minimum with a 40:1 or less max/min ratio. Guidelines are intended to be used as a design aid and are not a guarantee of code compliance. Manufacturer assumes no responsibility for local requirements or specific project variables.

DIMENSIONS

Exitronix emergency lighting